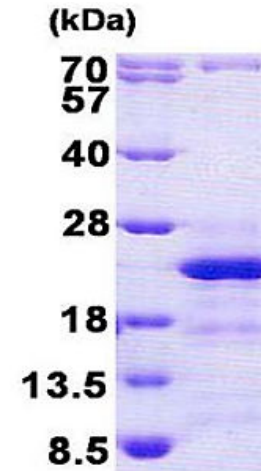


CD74, human recombinant

CATALOG #:	7317-100	100 µg
ALTERNATE NAMES:	HLA class II histocompatibility antigen gamma chain isoform b, DHLAG, HLADG, Ia-GAMMA, II	
SOURCE:	E. coli	
PURITY:	> 90% by SDS-PAGE	
MOL. WEIGHT:	20.6 kDa (183 aa, 73-232 aa + His tag), confirmed by MALDI-TOF.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1 µg of protein	
FORM:	Liquid	
FORMULATION:	0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 1 mM DTT and 30% glycerol.	
STORAGE CONDITIONS:	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.	

DESCRIPTION: HLA class II histocompatibility antigen gamma chain isoform b, also known as CD74, is a transmembrane protein which, on antigen presenting cells, is the invariant chain that chaperones MHC class II dimers from the endoplasmic reticulum to the cell surface. CD74 is expressed by cells of both T lymphocyte and B lymphocyte lineages. It is upregulated in several cancers and is also expressed by nonimmune cells during inflammation. Recombinant human CD74 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AMINO ACID SEQUENCE: MGSSHHHHHH SSGLVPRGSH MGSQQQGRDL
 KLTVTSQNLQ LENLRMKLPK PPKPVSKMRM ATPLLMQALP MGALPQGPMQ
 NATKYGNMTE DHVMHLLQNA DPLKVYPPLK GSFPENLRHL KNTMETIDWK
 VFESWMHHWL LFEMSRHSLE QKPTDAPPKE SLELEDPSSG LGVTKQDLGP VPM



15% SDS-PAGE (3µg)

CD74, human recombinant

RELATED PRODUCTS:

- CD1E, human recombinant (Cat. No. 7308-100)
- CD200, human recombinant (Cat. No. 7309-100)
- CD226, human recombinant (Cat. No. 7310-100)
- CD274, mouse recombinant (Cat. No. 7311-100)
- CD300C, human recombinant (Cat. No. 7312-100)
- CD3G, human recombinant (Cat. No. 7313-100)
- CD46, human recombinant (Cat. No. 7314-100)
- CD5, human recombinant (Cat. No. 7315-100)
- CD7, human recombinant (Cat. No. 7316-100)
- CD79B, human recombinant (Cat. No. 7318-100)
- CD84, human recombinant (Cat. No. 7319-100)
- CD8B, human recombinant (Cat. No. 7320-100)

FOR RESEARCH USE ONLY! Not to be used in humans.

